WASHINGTON STATE DEPARTMENT OF TRANSPORTATION - MATERIALS LABORATORY
PO BOX 47365 OLYMPIA, WA 98504/STREET-1655 S. 2nd AVE TUMWATER, WA 98512

BITUMINOUS SECTION TEST REPORT
TEST OF PAVING ASPHALTS

GRADE:	PG64-22	Antistrip: %	
SUPPLIER:	U.S.OIL	Type:	
SHIPPER:	U.S.OIL		
DATE RECD:	07/19/2010		
SR NO:	512	COUNTY:	
SECTION:	I-5 TO 108TH ST. S.		

WORK ORDER #	**007880**
TRANS. LTR.#	107DAB
LAB.IDENT. #	0000107DAB
ASPH. LAB. #	A100515
BID ITEM. #	11.02
REGION #	43

ACCEPTANCE NO.	ASSURANCE NO.	CERT NO.	DATE SAMPLED
2		281840	07/14/2010

TEST:	RESULTS:	SPECIFICATIONS:
ORIGINAL PROPERTIES:		
VISCOSITY (BROOKFIELD) @ 135 C, Pa s		3 MAXIMUM
DYNAMIC SHEAR @ 64 C, kPa		1.00 MINIMUM
C.O.C. FLASH POINT, C		230 MINIMUM
RTFO AGED PROPERTIES:		
MASS LOSS AFTER RTFO, %		1.00 MAXIMUM
DYNAMIC SHEAR @ 64 C, kPa		2.20 MINIMUM
MSCR @ 3.2 kPa @ C, %		REPORT ONLY
Jnr @ 3.2 kPa @ C		REPORT ONLY
DIFFERENCE Jnr, %		REPORT ONLY
MSCR and Jnr testing performed at PG base grade temperature		
PAV AGED PROPERTIES:		
PAV AGING TEMPERATURE C		
DYNAMIC SHEAR @ 25 C, kPa		5000 MAXIMUM
DYNAMIC SHEAR @ 22 C, kPa		REPORT ONLY
CREEP STIFFNESS @ -12 C		
"S", MPa		300 MAXIMUM
"m"		0.300 MINIMUM

OSC LABORATORY:		
Materials File		X
General File		X
REGION: OLYMPIC		
Construction Engineer	43	X
Materials Engineer	43	X
PE: M. NEBERGALL		X(2)
U.S.OIL		X

Material does MEET specification requirements.
Remarks:
SAMPLE APPROVED FOR USE ON THIS CONTRACT BASED ON PREVIOUS AND SUBSEQUENT PASSING TEST RESULTS.

THOMAS E. BAKER, P.E.
Materials Engineer

By: Joseph R. DeVol

Date 08/03/2010
Telephone 360-709-5421

T-119	T-126
T-120	T-132
T-121	T-133
T-124	T-136
T-130	
T-131	
T-134	
T-173 1	